

DAFTAR PUSTAKA

1. Alizadeh A, Dyck SC, Karimi S. Traumatic spinal cord injury an overview of pathophysiology, models and acute injury mechanism. *J Frontiers Neurology*. 2019.; 23: 1-25.
2. Atmadja AS, Sekeon SA, Ngantung DJ. Diagnosa dan tatalaksana cedera medulla spinalis traumatic. *J Sinaps*. 2021; 4(1): 25-35.
3. Nielsen RV, Siegel H, Fomsgaard JS, Andersen JD, Martusevicius R. Preoperative dexamethasone reduce acute but not sustained pain after lumbar disk surgery a randomized, blinded, placebo-controlled trial. *J Pain*. 2015; 156: 2538-44.
4. Wittayapairoj A, Wittayapairoj k, Kulawong A, Huntula Y. Effect intermediate dose dexamethasone on post operative pain in lumbar spine surgery a randomized triple blinde, placebo controlled trial. *Asian J Anesth*. 2017: 1-5.
5. Gerbershagen HJ, Aduckathil S, Wijck AJM, Peelen LM, Kalkman CJ, Meissner W. Pain intensity on the first day after surgery. *Pain Med J*. 2013;118(4):934-44.
6. Erlangga ME, Sitanggang RH, Bisri T. Perbandingan pemberian deksametasone 10 mg dengan 15 mg intravena sebagai adjuvant analgetik terhadap skala nyeri pascabedah pada pasien yang dilakukan radikal mastektomi termodifikasi. *JAP*. 2015;3(3):146-54.
7. Takdir AM, Tanra AH, Yusuf I, Ramli A. The preoperative single dose dexamethasone effect to pro and anti-inflammatory cytokine during orthopedic surgery. *Indian J Pain*. 2016;29(2):100-5.

8. El Azab AR, Rosseel MJ, Lange JJ, Groneveld AB, Strik RV, Wijk EM, et al. Dexamethasone decreases the pro to anti-inflammatory cytokine ratio during cardiac surgery. *British J Anesth.* 2002. P. 496-501.
9. Romundstad L, Breivik H, Roald R, Skolleborg K, Haugen T, et al. Methylprednisolon reduces pain, and fatigue after breast augmentation surgery: A single-dose , randomized, parallel-group study with methylprednisolone 125 mg, parecoxib 40 mg, and placebo. *Anesth Analg.* 2006;102: 418-25.
10. Oliveira GS, Ahmad S, Fitzgerald PC, Marcus JR, Altman CS, et al. Dose ranging study on the effect of preoperative dexamethasone on postoperative quality of recovery and opioid consumption after ambulatory gynaecological surgery. *British J Anesth.* 2011;3: 362-71.
11. Holte K, Kehlet H. Perioperative single-dose glucocorticoid administration: Pathophysiologic effects and clinical implications. *J Am Coll Surg* 2002;195:694-712.
12. Singh M. Stress response and anaesthesia. *Indian J Anaesth* 2003;47:427-34.
13. Gildasio D, Oliveira D, Almeida MD, Benzon HT, McCarthy RJ. Perioperatif single dose systemic dexamethasone for postoperative pain. *American Soc Anesth Lippincott Williams & Wilkins.* 2011; 115:575-88.
14. Waelkens P, Alsabbagh E, Sauter A, Joshi GP, Beloeil H. Pain management after complex spine surgery a systematic review and procedure specific postoperative pain management recommendatios. *Eur J Anaesthesiol.* 2021; 37: 1-10.
15. Julita AT, John JT, Stephen I. Nonspecific low back pain inflammatory profiles of patient with acute and chronic pain. *Clin J Pain.* 2019; 35(10): 818-25.
16. Peene L, Cacheux PL, Sauter AR, Joshi GP, Beloeil H. Pain management after laminectomy surgery a systematic review and procedure specific postoperative pain management recommendatios. *Eur J Anaesthesiol.* 2020: 1-12.
17. Barash PG, Cullen BF, Stoeling RK, Cahalan MK, Stock MC, Ortega R. Analgesics. In: *Clinical Anesthesia Fundamentals.* Wolters Kluwer. 2015. p. 168-71.

18. Bohinski R. Spinal decompression: laminectomy & laminotomy. 2018 February [diunduh 2 februari 2021]; tersedia dari <https://www.mayfieldclinic.com/PDF/PE-decompression.pdf>.
19. Stoelting RK, Rathmel JP, Flood P, Shafer S. Opioid agonists and antagonist. Stoelting's handbooks of pharmacology and physiology in anesthetic practice. 3rd edition. Wolters Kluwer; 2015. p.157-79.
20. Stoelting RK, Rathmel JP, Flood P, Shafer S. Pain physiology. Stoelting's handbooks of pharmacology and physiology in anesthetic practice. 3rd edition. Wolters Kluwer; 2015. p.146-56.
21. Tanra AH, Musba AT. Definisi, mekanisme, dan klasifikasi nyeri. In: Rehatta NM, Hanindito E, Tantri AR, Redjeki IS, Soenarto RF, Musba AT. Anestesiologi dan terapi intensif buku teks KATI PERDATIN. Jakarta; Gramedia Pustaka Utama; 2019. p. 1114-23.
22. Senaphati TGA, Ryalino C. Tatalaksana nyeri pascabedah. In: Rehatta NM, Hanindito E, Tantri AR, Redjeki IS, Soenarto RF, Musba AT. Anestesiologi dan terapi intensif buku teks KATI PERDATIN. Jakarta; Gramedia Pustaka Utama; 2019. p. 1124-33.
23. Tanra AH, Rehatta NM, Musba AT. Nyeri pasca bedah. Dalam: Penatalaksanaan nyeri. Edisi 1. Makassar: Bagian Ilmu Anestesi, Perawatan Intensif dan Manajemen Nyeri Fakultas Kedokteran Universitas Hasanuddin. 2013. p.44-60.
24. Agerson AS, Benzon HT. Management of acute and chronic pain. In: Barash PG, Cullen BF, Stoelting RK. Clinical anesthesia fundamentals. Ed 7th. Philadelphia: Wolters Kluwer. 2015. P. 699-709.
25. Habib AS, Gan TJ. Role of analgesic adjuncts in postoperative pain management. *Anesthesiology Clin N Am*. 2005;23: 84-107.
26. Singla N, Amy R, Leo P. A multi center, randomized, double blind, placebo-controlled trial of intravenous ibuprofen for treatment of pain in post operative orthopedic adult patients. *Pain Med J*. 2010;11:1284-93.
27. Roberta LH, Katherine EM. Spinal cord disorders. Anesthesia and co-existing disease. 7th Ed. Philadelphia: Elsevier; 2018. p. 147-52.

28. Liu X, Xifan W, Wenshuai Z, Lanying W, Pengjiao, Fei H. A prospective, randomized, double blind, placebo controlled trial of acute postoperative pain treatment using opioid analgesics with intravenous ibuprofen after radical cervical cancer surgery. *Scientific Reports*. 2018; 8: p.1-8.
29. Fithri DY, Wijaya DW, Arifin H. Perbedaan nilai agregasi trombosit akibat pengaruh penggunaan analgesia ketorolac dan ibuprofen intravena pascaoperasi di RSUP Haji Adam Malik Medan. *JAP*. 2017;3(3):141-6.
30. Elif OA, Ali A, Pelin A. Effects of single dose preemptive intravenous ibuprofen on postoperative opioid consumption and acute pain after laparoscopic cholecystectomy. *Med J*. 2017; 96(8):1-5.
31. International Association for the Study of Pain. IASP's proposed new definition of pain released for comment. 2019 Aug 7 [diunduh 22 Februari 2020]; Tersedia dari <http://www.iasp-pain.org>.
32. Aysha NK, Hayley EJ, Jansher K, Christopher GF, Mitchell L, Ronald L, et al. Inflammatory biomarkers of low back pain and disc degeneration. *PMC J*. 2017;1410(1): 68-84.
33. Waldorn NH, Jones CA, Gan TJ, Allen TK, Habib AS. Impact of perioperative dexamethasone on postoperative analgesia and side effect: systematic review and meta-analysis. *British J Anesth*. 2013;110(2):191-200.
34. Vadivelu, N, Mitra, S, and Narayan, D. Recent advances in postoperative pain management. *Yale Biol Med J*. 2010;83:11-25.
35. Ramli AM. The role of non steroid antiinflammatory drugs (NSAID) in preventive multimodal analgesia. Kongres Nasional Perdatin XI. Indonesia. 2016. p. 1-13.
36. Gottschalk, A and Smith, S.D. New concept in acute pain therapy : preemptive analgesia. *Am. Fam. Physician*. 2005;63(10):1979-84.
37. Supomo. Correlation of Interleukin-6 Serum Level and Surgical Site Infection in Post Major Surgery Patient. *Bali Med J*. 2019; 8(1): 18-20.
38. Pinar HU, Karaca O, Karaloc F, Dogan R. Effects of addition of preoperative intravenous ibuprofen to pregabalin on postoperative pain in posterior lumbal interbody fusion surgery. *Pain Res Manag*. 2017: 1-6.

39. Andrew P, Dusti A, Ricardo AB, Nguyen N, Leslie M. Ibuprofen use is associated with reduce C-reactive protein and interleukin-6 levels in chronic spinal cord injury. *Spinal Cord Med J.* 2020;1:1-9.
40. Alisha S, Dong H. Intravenous ibuprofen as an adjunct in acute postoperative pain. *J Soc Anesth Nepal.* 2015; 2(1):21-5.
41. Smith HS, Voss B. Pharmacokinetics of intravenous ibuprofen: implication of time of infusion in the treatment of pain and fever. *Drugs J.* 2012;72: 327-37.
42. Situmeang, Mahmud. Perbandingan nilai visual analogue scale pada pemberian preemptive analgesia intravena ibuprofen 800 mg dengan paracetamol 1 gr pada pasien pascabedah abdominal ginekologi dengan anestesi umum. Honours [thesis]: Sumatera Utara University. 2017.
43. James FC, Michael WS, Frank JA, James L, Nicole MY, et al. Use ibuprofen to assess inflammatory biomarkers in induced sputum: Implication for clinical trials in cystic fibrosis. *European Cystic Fibrosis Soc.* 2015;14. P. 720-6.
44. Rabia B, Noushreen Aslam. An overview of clinical pharmacology of ibuprofen. *Oman Med J.* 2010;25(3): p. 155-161.
45. Patrick M, Kareem A, Merriy M, Joey P, Luciana GM. A systematic review role of inflamatorry biomarkers in acute, subacute and chronic non specific low back pain. *BMC J.* 2020; 21: p.1-12
46. Southworth S, Jeanine P, Amy R, Leo P. A multicenter, randomized, double blind, placebo trial of intravenous ibuprofen 400 mg and 800 mg every 6 hours in management of postoperative pain. *Clin Therapeutic J.* 2009;31(9); p. 1922-35.
47. Andrea GM, Bianca ER, Antonio PR, Alberto MR. Intraveous ibuprofen for treatment of post operative pain: a multicenter, double blind placebo-controlled, randomized clinical trial. *Plos One J.* 2016. p.1-16.
48. Anita G, Hawa A, Eleni D, Leigh A. A randomized trial comparing the safety and efficacy of intravenus ibuprofen vs ibuprofen and acetaminophen in knee or hip arthroplasty. *Pain Physician J.* 2016;19:349-56.

49. Peter BK, Laura M, Amy R, Leo P. A Multicenter, randomized, double blind, placebo controlled trial of intravenous Ibuprofen in the management of postoperative pain following abdominal hysterectomy. *Pain Practice World Institute of Pain*. 2012; 11(1): 23-32.
50. Olav R, Borgen P, Janne ER. Changes in serum cytokines in response to musculoskeletal surgical trauma. *BMC J*. 2014; 7: p. 1-5.
51. Pedersen, L.M., E. Schistad, L.M. Jacobsen. Serum levels of the pro-inflammatory interleukins 6 (IL-6) and -8 (IL-8) in patients with lumbar radicular pain due to disc herniation: a 12-month prospective study. *Brain Behav Immun J*. 2015; 46: p. 132–6.